

ADDENDUM to the HIGHLY ERODIBLE SOIL MAP UNIT LIST FOR  
WASECA COUNTY, MN  
C = .10 R = 140

Map unit symbol	Map unit name	T	K	I	Typical Slope percent	Typical Slope length	LS Computed	HELC
GP	PITS, GRAVEL-UDIPSAMMENTS COMPLEX							
L5A	DELFT, OVERWASH-DELFT COMPLEX, 1 TO 4 PERCENT SLOPES	5	.24	48	2.0	81	0.19	Not highly erodible land
L13A	KLOSSNER MUCK, DEPRESSIONAL, 0 TO 1 PERCENT SLOPES	2		134	0.5	124	0.10	Not highly erodible land
L14A	HOUGHTON MUCK, DEPRESSIONAL, 0 TO 1 PERCENT SLOPES	3		134	0.5	124	0.10	Not highly erodible land
L15A	KLOSSNER, OKOBOJI AND GLENCOE SOILS, PONDED, 0 TO 1 PERCENT SLOPES	5	.32	0	0.5	124	0.10	Not highly erodible land
L16A	MUSKEGO, BLUE EARTH AND HOUGHTON SOILS, PONDED, 0 TO 1 PERCENT SLOPES	1		0	0.5	124	0.10	Not highly erodible land
L26B	SHOREWOOD SILTY CLAY LOAM, 3 TO 6 PERCENT SLOPES	5	.28	86	4.0	124	0.44	Not highly erodible land
L36A	HAMEL, OVERWASH-HAMEL COMPLEX, 1 TO 4 PERCENT SLOPES	5	.28	48	2.0	81	0.19	Not highly erodible land
L40B	ANGUS-KILKENNY COMPLEX, 2 TO 6 PERCENT SLOPES	5	.28	48	4.0	124	0.44	Not highly erodible land
L41C2	LESTER-KILKENNY COMPLEX, 6 TO 12 PERCENT SLOPES, ERODED	5	.28	48	9.0	110	1.23	Potentially highly erodible land
L41D2	LESTER-KILKENNY COMPLEX, 12 TO 18 PERCENT SLOPES, ERODED	5	.28	48	15.0	98	2.53	Highly erodible land
L41E	LESTER-KILKENNY COMPLEX, 18 TO 25 PERCENT SLOPES	5	.28	48	22.0	98	4.71	Highly erodible land
L48A	DERRYNANE, OVERWASH-DERRYNANE COMPLEX, 1 TO 4 PERCENT SLOPES	5	.28	86	2.0	81	0.19	Not highly erodible land
L49A	KLOSSNER SOILS, DEPRESSIONAL, 0 TO 1 PERCENT SLOPES	2		134	0.5	124	0.10	Not highly erodible land
L50A	HOUGHTON AND MUSKEGO SOILS, DEPRESSIONAL, 0 TO 1 PERCENT SLOPES	1		134	0.5	124	0.10	Not highly erodible land
L51C2	GLADEK SILT LOAM, 6 TO 12 PERCENT SLOPES, ERODED	5	.28	48	9.0	124	1.30	Potentially highly erodible land

## HIGH ERODIBLE SOIL MAP UNIT LIST FOR Waseca County, Minnesota

--Addendum - continued

Map unit symbol	Map unit name	T	K	I	Typical Slope percent	Typical Slope length	LS Computed	HELC
L56A	MUSKEGO AND KLOSSNER SOILS, 0 TO 1 PERCENT SLOPES, FREQUENTLY FLOODED	1		0	0.5	124	0.10	Not highly erodible land
L57A	MEDO MUCK, DEPRESSIONAL, 0 TO 1 PERCENT SLOPES	2		134	0.5	124	0.10	Not highly erodible land
L63A	KLOSSNER MUCK, LAKE PLAIN, DEPRESSIONAL, 0 TO 1 PERCENT SLOPES	2		134	1.0	124	0.14	Not highly erodible land
L64A	TADKEE-TADKEE, DEPRESSIONAL, COMPLEX, 0 TO 2 PERCENT SLOPES	5	.17	134	1.0	124	0.14	Not highly erodible land
L73A	BLUE EARTH MUCKY SILTY CLAY LOAM, DEPRESSIONAL, 0 TO 1 PERCENT SLOPES	5	.28	48	1.0	124	0.14	Not highly erodible land
L74A	ESTHERVILLE SANDY LOAM, TERRACE, 0 TO 2 PERCENT SLOPES	3	.20	86	1.0	146	0.14	Not highly erodible land
L75B	BARRINGTON SILT LOAM, 2 TO 6 PERCENT SLOPES	5	.32	48	4.0	124	0.44	Not highly erodible land
L76B	DICKINSON FINE SANDY LOAM, 1 TO 6 PERCENT SLOPES	4	.20	86	4.0	124	0.44	Not highly erodible land
L77A	BROWNTON SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	5	.28	86	1.0	124	0.14	Not highly erodible land
L78A	CANISTEO CLAY LOAM, 0 TO 2 PERCENT SLOPES	5	.24	86	1.0	124	0.14	Not highly erodible land
L79B	CLARION LOAM, 2 TO 5 PERCENT SLOPES	5	.24	48	4.0	124	0.44	Not highly erodible land
L80C2	LESTER LOAM, 6 TO 12 PERCENT SLOPES, ERODED	5	.28	48	9.0	110	1.23	Potentially highly erodible land
L80D2	LESTER LOAM, 12 TO 18 PERCENT SLOPES, ERODED	5	.28	48	15.0	98	2.53	Highly erodible land
L81A	CORDOVA CLAY LOAM, 0 TO 2 PERCENT SLOPES	5	.28	48	1.0	124	0.14	Not highly erodible land
L82A	MARNA SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	5	.28	86	1.0	124	0.14	Not highly erodible land
L83A	WEBSTER CLAY LOAM, 0 TO 2 PERCENT SLOPES	5	.24	48	1.0	124	0.14	Not highly erodible land

## HIGH ERODIBLE SOIL MAP UNIT LIST FOR Waseca County, Minnesota

--Addendum - continued

Map unit symbol	Map unit name	T	K	I	Typical Slope percent	Typical Slope length	LS Computed	HELC
L84A	GLENCOE CLAY LOAM, DEPRESSIONAL, 0 TO 1 PERCENT SLOPES	5	.28	48	0.5	124	0.10	Not highly erodible land
L85A	NICOLLET CLAY LOAM, 1 TO 3 PERCENT SLOPES	5	.24	48	2.0	124	0.21	Not highly erodible land
L86A	MADELIA SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	5	.28	38	1.0	124	0.14	Not highly erodible land
L87A	KINGSTON SILTY CLAY LOAM, 1 TO 3 PERCENT SLOPES	5	.28	38	2.0	146	0.22	Not highly erodible land
L88A	LURA SILTY CLAY, DEPRESSIONAL, 0 TO 1 PERCENT SLOPES	5	.28	86	1.0	124	0.14	Not highly erodible land
L89A	GUCKEEN SILTY CLAY LOAM, 0 TO 3 PERCENT SLOPES	5	.28	86	2.0	146	0.22	Not highly erodible land
L90A	LE SUEUR CLAY LOAM, 0 TO 3 PERCENT SLOPES	5	.24	48	2.0	124	0.21	Not highly erodible land
L91A	MAZASKA SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	5	.28	38	1.0	124	0.14	Not highly erodible land
L92A	DARFUR LOAM, 0 TO 2 PERCENT SLOPES	5	.20	56	1.0	124	0.14	Not highly erodible land
L93A	MUSKEGO MUCK, DEPRESSIONAL, 0 TO 1 PERCENT SLOPES	1	.10	134	1.0	124	0.14	Not highly erodible land
L94A	LOWLEIN FINE SANDY LOAM, TERRACE, 0 TO 3 PERCENT SLOPES	5	.20	86	2.0	146	0.22	Not highly erodible land
L95E	HAWICK GRAVELLY COARSE SANDY LOAM, 12 TO 25 PERCENT SLOPES	5	.10	134	19.0	98	3.70	Highly erodible land
L96B	ESTHERVILLE-HAWICK COMPLEX, 2 TO 6 PERCENT SLOPES	3	.20	86	4.0	124	0.44	Not highly erodible land
L97C	HAWICK-ESTHERVILLE COMPLEX, 6 TO 12 PERCENT SLOPES	5	.10	134	9.0	124	1.30	Potentially highly erodible land
L98A	CRIPPIN-NICOLLET COMPLEX, 1 TO 3 PERCENT SLOPES	5	.24	86	2.0	124	0.21	Not highly erodible land
L99B	CLARION-SWANLAKE COMPLEX, 2 TO 6 PERCENT SLOPES	5	.24	48	4.0	124	0.44	Not highly erodible land

## HIGH ERODIBLE SOIL MAP UNIT LIST FOR Waseca County, Minnesota

--Addendum - continued

Map unit symbol	Map unit name	T	K	I	Typical Slope percent	Typical Slope length	LS Computed	HELC
L100B	CLARION-ESTHERVILLE COMPLEX, 2 TO 6 PERCENT SLOPES	5	.24	48	4.0	124	0.44	Not highly erodible land
L101C2	OMSRUD-HAWICK-STORDEN COMPLEX, 6 TO 12 PERCENT SLOPES, ERODED	5	.24	48	9.0	110	1.23	Potentially highly erodible land
L101D2	OMSRUD-HAWICK-STORDEN COMPLEX, 12 TO 18 PERCENT SLOPES, ERODED	5	.24	48	15.0	98	2.53	Highly erodible land
L102C2	OMSRUD-STORDEN COMPLEX, 6 TO 12 PERCENT SLOPES, ERODED	5	.24	48	9.0	110	1.23	Potentially highly erodible land
L102D2	OMSRUD-STORDEN COMPLEX, 12 TO 18 PERCENT SLOPES, ERODED	5	.24	48	15.0	98	2.53	Highly erodible land
L103A	FIELDON-CANISTEO COMPLEX, 0 TO 2 PERCENT SLOPES	4	.28	86	1.0	124	0.14	Not highly erodible land
L105C2	LESTER-HAWICK COMPLEX, 6 TO 12 PERCENT SLOPES, ERODED	5	.28	48	9.0	110	1.23	Potentially highly erodible land
L105D2	LESTER-HAWICK COMPLEX, 12 TO 18 PERCENT SLOPES, ERODED	5	.28	48	15.0	98	2.53	Highly erodible land
L106C2	LESTER-STORDEN COMPLEX, 6 TO 12 PERCENT SLOPES, ERODED	5	.28	48	9.0	110	1.23	Potentially highly erodible land
L106D2	LESTER-STORDEN COMPLEX, 12 TO 18 PERCENT SLOPES, ERODED	5	.28	48	15.0	98	2.53	Highly erodible land
L107A	CANISTEO-GLENCOE, DEPRESSIONAL COMPLEX, 0 TO 2 PERCENT SLOPES	5	.24	86	1.0	124	0.14	Not highly erodible land
L108A	CORDOVA-ROLFE, DEPRESSIONAL, COMPLEX, 0 TO 2 PERCENT SLOPES	5	.28	48	1.0	124	0.14	Not highly erodible land
L109A	MARNA-BARBERT, DEPRESSIONAL, COMPLEX, 0 TO 2 PERCENT SLOPES	5	.28	86	1.0	124	0.14	Not highly erodible land
L110E	LESTER-RIDGETON COMPLEX, 18 TO 25 PERCENT SLOPES	5	.28	48	21.0	98	4.36	Highly erodible land
L110F	LESTER-RIDGETON COMPLEX, 25 TO 45 PERCENT SLOPES	5	.28	48	35.0	81	9.21	Highly erodible land
L111A	NICOLLET SILTY CLAY LOAM, 1 TO 3 PERCENT SLOPES	5	.24	38	2.0	146	0.22	Not highly erodible land

## HIGH ERODIBLE SOIL MAP UNIT LIST FOR Waseca County, Minnesota

--Addendum - continued

Map unit symbol	Map unit name	T	K	I	Typical Slope percent	Typical Slope length	LS Computed	HELC
L112A	WEBSTER SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	5	.24	48	1.0	124	0.14	Not highly erodible land
L113B	REEDSLAKE LOAM, 2 TO 5 PERCENT SLOPES	5	.24	48	4.0	124	0.44	Not highly erodible land
L114A	HANLON FINE SANDY LOAM, 0 TO 3 PERCENT SLOPES, RARELY FLOODED	5	.20	86	2.0	124	0.21	Not highly erodible land
L115A	BROWNTON-LURA, DEPRESSIONAL, COMPLEX, 0 TO 2 PERCENT SLOPES	5	.28	86	1.0	124	0.14	Not highly erodible land
L116A	LE SUEUR-LERDAL COMPLEX, 1 TO 3 PERCENT SLOPES	5	.24	48	2.0	124	0.21	Not highly erodible land
L117C2	OMSRUD LOAM, 6 TO 12 PERCENT SLOPES, ERODED	5	.24	48	9.0	110	1.23	Potentially highly erodible land
L118A	RUSHRIVER FINE SANDY LOAM, 0 TO 1 PERCENT SLOPES, FREQUENTLY FLOODED	5	.24	86	1.0	146	0.14	Not highly erodible land
L119B	ANGUS LOAM, 2 TO 5 PERCENT SLOPES	5	.28	48	4.0	124	0.44	Not highly erodible land
L120A	GOOD THUNDER SILTY CLAY LOAM, 0 TO 3 PERCENT SLOPES	5	.28	86	2.0	146	0.22	Not highly erodible land
L121B	CLARION CLAY LOAM, 2 TO 5 PERCENT SLOPES	5	.24	48	4.0	124	0.44	Not highly erodible land
L122B	REEDSLAKE-ESTHERVILLE COMPLEX, 2 TO 6 PERCENT SLOPES	5	.24	48	4.0	124	0.44	Not highly erodible land
L123A	BELLVILLE SANDY LOAM, 0 TO 2 PERCENT SLOPES	3	.20	86	1.0	124	0.14	Not highly erodible land
L124A	GLENCOE MUCKY CLAY LOAM, DEPRESSIONAL, 0 TO 1 PERCENT SLOPES	5	.32	48	0.5	124	0.10	Not highly erodible land
L125A	HANLON, RARELY FLOODED-COLAND, OCCASIONALLY FLOODED, COMPLEX, 0 TO 3 PERCENT SLOPES	5	.20	86	2.0	124	0.21	Not highly erodible land
L126A	COLAND SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES, OCCASIONALLY FLOODED	5	.24	38	1.0	146	0.14	Not highly erodible land
L127A	COLAND SILTY CLAY LOAM, CHANNELED, 0 TO 2 PERCENT SLOPES, FREQUENTLY FLOODED	5	.24	48	1.0	146	0.14	Not highly erodible land

## HIGH ERODIBLE SOIL MAP UNIT LIST FOR Waseca County, Minnesota

--Addendum - continued

Map unit symbol	Map unit name	T	K	I	Typical Slope percent	Typical Slope length	LS Computed	HELC
L128A	MAZASKA-ROLFE, DEPRESSIONAL, COMPLEX, 0 TO 2 PERCENT SLOPES	5	.28	38	1.0	124	0.14	Not highly erodible land
L129B	TERRIL LOAM, 2 TO 6 PERCENT SLOPES	5	.24	48	4.0	124	0.44	Not highly erodible land
L130A	OKOBOJI MUCKY SILTY CLAY LOAM, DEPRESSIONAL, 0 TO 1 PERCENT SLOPES	5	.32	48	0.5	124	0.10	Not highly erodible land
M-W	WATER, MISCELLANEOUS							
U3B	UDORTHENTS, LOAMY (CUT AND FILL LAND), 1 TO 6 PERCENT SLOPES				3.0			
W	WATER							

FROZEN HIGHLY ERODIBLE SOIL MAP UNIT LIST FOR  
WASECA COUNTY, MN  
C = .10 R = 140

MARCH 29, 1993

RECORD NUMBER	MAP UNIT SYMBOL	MAP UNIT NAME	T	K	I	TYPICAL SLOPE PERCENT	TYPICAL SLOPE LENGTH	LS FACTOR	HELC CATEGORY
IA0079	AD	ALLUVIAL LAND	5	.24	48	1.0	150	0.146	NHEL
MN0110	BY	BISCAY LOAM	4	.28	48	1.0	150	0.146	NHEL
IA0074	CIB	CLARION LOAM, 2 TO 6 PERCENT SLOPES	5	.24	48	4.0	150	0.470	NHEL
IA0521	C1B2	CLARION LOAM, 2 TO 6 PERCENT SLOPES, MODERATELY ERODED	5	.28	48	4.0	150	0.470	NHEL
IA0074	C1C	CLARION LOAM, 6 TO 12 PERCENT SLOPES	5	.24	48	9.0	150	1.440	PHEL*
IA0521	C1C2	CLARION LOAM, 6 TO 12 PERCENT SLOPES, MODERATELY ERODED	5	.28	48	9.0	150	1.440	PHEL*
IA0521	C1C3	CLARION LOAM, 6 TO 12 PERCENT SLOPES, SEVERELY ERODED	5	.28	48	9.0	150	1.440	PHEL*
IA0521	C1D2	CLARION LOAM, 12 TO 18 PERCENT SLOPES, MODERATELY ERODED	5	.28	48	15.0	150	3.130	HEL
MN0059	CA	CANISTEO CLAY LOAM	5	.24	86	1.0	100	0.129	NHEL
MN0095	CD	CANISTEO CLAY LOAM, DEPRESSIONAL	5	.24	86	1.0	100	0.130	NHEL
IA0521	CRB2	CLARION-ESTHERVILLE COMPLEX, 2 TO 6 PERCENT SLOPES, MOD. EROD.	3	.20	86	4.0	125	0.430	NHEL
IA0521	CSB2	CLARION-STORDEN COMPLEX, 2 TO 6 PERCENT SLOPES, MODERATELY ERODED	5	.28	48	4.0	150	0.500	NHEL
IA0521	CSC2	CLARION-STORDEN COMPLEX, 6 TO 12 PERCENT SLOPES, MODERATELY ERODED	5	.28	48	9.0	150	1.440	PHEL*
IA0521	CSC3	CLARION-STORDEN COMPLEX, 6 TO 12 PERCENT SLOPES, SEVERELY ERODED	5	.28	48	9.0	125	1.310	PHEL*
IA0521	CSD2	CLARION-STORDEN COMPLEX, 12 TO 18 PERCENT SLOPES, MODERATELY ERODED	5	.28	48	15.0	125	2.860	HEL
IA0521	CSD3	CLARION-STORDEN COMPLEX, 12 TO 18 PERCENT SLOPES, SEVERELY ERODED	5	.28	48	15.0	125	2.860	HEL
MN0063	CSE	CLARION-STORDEN COMPLEX, 18 TO 24 PERCENT SLOPES	5	.28	86	20.0	125	4.500	HEL
IA0521	CSE3	CLARION-STORDEN COMPLEX, 18 TO 24 PERCENT SLOPES, SEVERELY ERODED	5	.28	48	20.0	125	4.500	HEL
MN0063	CSF	CLARION-STORDEN COMPLEX, 24 TO 35 PERCENT SLOPES	5	.28	86	30.0	125	9.000	HEL
IA0071	CT	COLO SILTY CLAY LOAM	5	.28	38	0.5	100	0.100	NHEL
IA0071	CU	COLO SILTY CLAY LOAM, FREQUENT OVERFLOW	5	.28	38	0.5	100	0.100	NHEL
IA0071	CW	COLO SILTY CLAY LOAM, VERY WET	5	.28	38	1.0	150	0.146	NHEL
MN0024	CY	CORDOVA SILTY CLAY LOAM	5	.28	48	1.0	160	0.149	NHEL
IA0078	DCB	DICKINSON FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	4	.20	86	4.0	125	0.430	NHEL
IA0078	DKC2	DICKINSON LOAM, 6 TO 12 PERCENT SLOPES, MODERATELY ERODED	4	.28	56	9.0	150	1.440	PHEL*
MN0211	DU	DUNDAS SILT LOAM	5	.28	48	0.5	100	0.100	NHEL
MN0025	EAB	ESTHERVILLE SANDY LOAM, 0 TO 6 PERCENT SLOPES	3	.20	86	4.0	150	0.470	NHEL
MN0025	EAC2	ESTHERVILLE SANDY LOAM, 6 TO 12 PERCENT SLOPES, MODERATELY ERODED	3	.20	86	9.0	125	1.310	PHEL*
MN0025	EOE2	ESTHERVILLE SOILS, 12 TO 25 PERCENT SLOPES, MODERATELY ERODED	3	.20	86	18.0	125	4.000	HEL
MN0025	ESC2	ESTHERVILLE, LESTER AND STORDEN SOILS, 6 TO 12 PERCENT SLOPES, ER.	3	.20	86	9.0	125	1.310	PHEL*
MN0025	ESD2	ESTHERVILLE, LESTER AND STORDEN SOILS, 12 TO 18 PERCENT SLOPES, ER.	3	.20	86	15.0	125	2.860	HEL
MN0026	GC	GLENCOE SILTY CLAY LOAM	5	.28	38	0.5	100	0.100	NHEL
MN0041	GUA	GUCKEEN SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	5	.28	86	2.0	180	0.240	NHEL
MN0041	GUB	GUCKEEN SILTY CLAY LOAM, 2 TO 6 PERCENT SLOPES	5	.28	86	4.0	175	0.500	NHEL
IL0054	HM	HUNTSVILLE LOAM, SAND SUBSTRATUM	5	.28	48	1.0	100	0.130	NHEL
IL0054	HN	HUNTSVILLE SILT LOAM	5	.28	48	1.0	100	0.130	NHEL
IL0054	HO	HUNTSVILLE SILT LOAM, FREQUENT OVERFLOW	5	.28	48	1.0	120	0.136	NHEL
MN0071	KCB	KILKENNY CLAY LOAM, 2 TO 6 PERCENT SLOPES	5	.28	48	4.0	175	0.500	NHEL
MN0071	KCB2	KILKENNY CLAY LOAM, 2 TO 6 PERCENT SLOPES, MODERATELY ERODED	5	.28	48	4.0	150	0.470	NHEL
MN0071	KCC	KILKENNY CLAY LOAM, 6 TO 12 PERCENT SLOPES	5	.28	48	9.0	175	1.550	PHEL*
MN0071	KCC2	KILKENNY CLAY LOAM, 6 TO 12 PERCENT SLOPES, MODERATELY ERODED	5	.28	48	9.0	150	1.440	PHEL*
MN0071	KCC3	KILKENNY CLAY LOAM, 6 TO 12 PERCENT SLOPES, SEVERELY ERODED	5	.28	48	9.0	125	1.130	PHEL*
MN0071	KCD	KILKENNY CLAY LOAM, 12 TO 18 PERCENT SLOPES	5	.28	48	15.0	125	2.860	HEL
MN0071	KCD2	KILKENNY CLAY LOAM, 12 TO 18 PERCENT SLOPES, MODERATELY ERODED	5	.28	48	15.0	125	2.860	HEL
MN0071	KCD3	KILKENNY CLAY LOAM, 12 TO 18 PERCENT SLOPES, SEVERELY ERODED	5	.28	48	15.0	125	2.860	HEL
MN0071	KCE	KILKENNY CLAY LOAM, 18 TO 24 PERCENT SLOPES	5	.28	48	20.0	125	4.500	HEL
MN0071	KCE2	KILKENNY CLAY LOAM, 18 TO 24 PERCENT SLOPES, MODERATELY ERODED	5	.28	48	20.0	125	4.500	HEL
MN0071	KCF	KILKENNY CLAY LOAM, 24 TO 35 PERCENT SLOPES, V. STEEP	5	.28	48	30.0	125	9.000	HEL
MN0011	LA	LAKE BEACHES	4	.28	86	2.0	100	0.200	NHEL

RECORD NUMBER	MAP UNIT SYMBOL	MAP UNIT NAME	T	K	I	TYPICAL SLOPE PERCENT	TYPICAL SLOPE LENGTH	LS FACTOR	HEL/C CATEGORY
MN0061	LCB	LESTER CLAY LOAM, 2 TO 6 PERCENT SLOPES	5	.28	48	4.0	150	0.470	NHEL
MN0061	LCB2	LESTER LOAM, 2 TO 6 PERCENT SLOPES, MODERATELY ERODED	5	.28	48	4.0	150	0.470	NHEL
MN0061	LCC	LESTER CLAY LOAM, 6 TO 12 PERCENT SLOPES	5	.28	48	9.0	150	1.440	PHEL*
MN0061	LCC2	LESTER CLAY LOAM, 6 TO 12 PERCENT SLOPES, MODERATELY ERODED	5	.28	48	9.0	150	1.440	PHEL*
MN0061	LED	LESTER CLAY LOAM, 12 TO 18 PERCENT SLOPES	5	.28	48	15.0	150	3.130	HEL
MN0061	LCD2	LESTER CLAY LOAM, 12 TO 18 PERCENT SLOPES, MODERATELY ERODED	5	.28	48	15.0	150	3.130	HEL
MN0061	LCD3	LESTER CLAY LOAM, 12 TO 18 PERCENT SLOPES, SEVERELY ERODED	5	.28	48	15.0	150	3.130	HEL
MN0061	LEE	LESTER CLAY LOAM, 18 TO 24 PERCENT SLOPES	5	.28	48	21.0	150	5.000	HEL
MN0061	LCE2	LESTER CLAY LOAM, 18 TO 24 PERCENT SLOPES, MODERATELY ERODED	5	.28	48	21.0	150	5.000	HEL
MN0061	LCE3	LESTER CLAY LOAM, 18 TO 24 PERCENT SLOPES, SEVERELY ERODED	5	.28	48	21.0	150	5.000	HEL
MN0061	LCF	LESTER CLAY LOAM, 18 TO 35 PERCENT SLOPES	5	.28	48	25.0	120	6.000	HEL
MN0061	LEF	LESTER-STORDEN COMPLEX, 24 TO 35 PERCENT SLOPES	5	.28	48	30.0	125	9.000	HEL
MN0061	LFB	LESTER FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES, SANDY VARIANT	5	.20	86	4.0	150	0.470	NHEL
MN0025	LHB2	LESTER-ESTHERVILLE COMPLEX, 2 TO 6 PERCENT SLOPES, HOD. EROD.	3	.20	86	4.0	125	0.430	NHEL
MN0061	LSB2	LESTER-STORDEN COMPLEX, 2 TO 6 PERCENT SLOPES, MODERATELY ERODED	5	.28	48	4.0	125	0.430	NHEL
MN0061	LSC2	LESTER-STORDEN COMPLEX, 6 TO 12 PERCENT SLOPES, MODERATELY ERODED	5	.28	48	9.0	150	1.440	PHEL*
MN0061	LSC3	LESTER-STORDEN COMPLEX, 6 TO 12 PERCENT SLOPES, SEVERELY ERODED	5	.28	48	9.0	150	1.440	PHEL*
MN0061	LSD2	LESTER-STORDEN COMPLEX, 12 TO 18 PERCENT SLOPES, MODERATELY ERODED	5	.28	48	15.0	150	3.130	HEL
MN0061	LSD3	LESTER-STORDEN COMPLEX, 12 TO 18 PERCENT SLOPES, SEVERELY ERODED	5	.28	48	15.0	150	3.130	HEL
MN0061	LSE	LESTER-STORDEN COMPLEX, 18 TO 24 PERCENT SLOPES	5	.28	48	21.0	140	5.000	HEL
MN0061	LSE3	LESTER-STORDEN COMPLEX, 18 TO 24 PERCENT SLOPES, SEVERELY ERODED	5	.28	48	21.0	140	5.000	HEL
MN0088	LUA	LE SUEUR CLAY LOAM, 0 TO 2 PERCENT SLOPES	5	.24	48	2.0	175	0.238	NHEL
MN0088	LUB	LE SUEUR CLAY LOAM, 2 TO 6 PERCENT SLOPES	5	.24	48	4.0	150	0.470	NHEL
MN0032	LY	LURA SILTY CLAY LOAM	5	.28	38	1.0	100	0.130	NHEL
MN0089	MA	MARNA SILTY CLAY LOAM	5	.28	86	1.0	100	0.129	NHEL
IA0327	MH	MARSH	5	.37	-	0.5	100	0.096	NHEL
MN0034	NCA	NICOLLET CLAY LOAM, 0 TO 2 PERCENT SLOPES	5	.24	48	2.0	150	0.227	NHEL
MN0034	NCB	NICOLLET CLAY LOAM, 2 TO 6 PERCENT SLOPES	5	.24	48	4.0	150	0.470	NHEL
MI0024	PA	PEAT AND MUCK, DEEP	5	-	134	0.5	100	0.096	NHEL
WI0046	PC	PEAT AND MUCK, DEEP AND CALCAREOUS	4	-	134	0.5	100	0.096	NHEL
MN0597	PH	PEAT AND MUCK, SHALLOW	5	-	134	0.5	100	0.096	NHEL
MN0599	PK	PEAT AND MUCK, SHALLOW AND CALCAREOUS	5	-	134	0.5	100	0.096	NHEL
MN0063	RB	ROUGH BROKEN LAND	5	.28	86	35.0	125	11.500	HEL
MN0315	TA	TALCOT SILTY CLAY LOAM	4	.28	86	1.0	100	0.129	NHEL
IA0165	TL	TERRIL LOAM, 2 TO 6 PERCENT SLOPES	5	.24	48	4.0	125	0.430	NHEL
MN0036	TRB	TRUMAN SILT LOAM, 2 TO 6 PERCENT SLOPES	5	.32	48	4.0	150	0.400	NHEL
MN0036	TRB2	TRUMAN SILT LOAM, 2 TO 6 PERCENT SLOPES, MODERATELY ERODED	5	.32	48	4.0	125	0.430	NHEL
MN0036	TRC2	TRUMAN SILT LOAM, 6 TO 12 PERCENT SLOPES, MODERATELY ERODED	5	.32	48	9.0	125	1.310	PHEL*
MN0038	WAB	WADENA LOAM, 2 TO 6 PERCENT SLOPES	4	.24	48	4.0	150	0.470	NHEL
IA0072	WB	WEBSTER CLAY LOAM	5	.24	48	1.0	160	0.149	NHEL

#### HIGHLY ERODIBLE LAND CLASSIFICATION

NHEL = NOT HIGHLY ERODIBLE LAND

PHEL = POTENTIALLY HIGHLY ERODIBLE LAND AND REQUIRES A FIELD VISIT TO DETERMINE A REPRESENTATIVE SLOPE PERCENT AND LENGTH FOR FSA PURPOSES.

HEL = HIGHLY ERODIBLE LAND

\* THESE PHEL MAP UNITS ARE CONSIDERED HEL BASED ON TYPICAL SLOPE PERCENTAGE AND LENGTH FOR DETERMINATIONS MADE IN THE OFFICE.

\*\* THESE PHEL MAP UNITS ARE CONSIDERED NHEL BASED ON TYPICAL SLOPE PERCENTAGES AND LENGTH FOR DETERMINATIONS MADE IN THE OFFICE.

\*\*\* USE THE MOST LIMITING SOIL IN THE COMPLEX TO DETERMINE THE RATING. ONLY ONE RATING IS GIVEN FOR A COMPLEX.



HELC FOR WIND EROSION IS BASED ON THE  $C \times I$  DIVIDED BY  $T$  IS EQUAL TO OR GREATER THAN 8.

HELC FOR WATER EROSION IS BASED ON THE  $R \times K \times LS$  DIVIDED BY  $T$  IS EQUAL TO OR GREATER THAN 8.

---